

# 6423R

## TOP ULTRACUT™ ALFALFA DISEASE PACKAGE VARIETY IN THE ROUNDUP READY® LINEUP WITH EXTREME COLD TOLERANCE

- Highly resistant to multiple races of Aphanomyces for protection during establishment and early season cool and wet soil conditions
- Highly resistant to multiple races of Anthracnose for protection during warm and humid weather conditions
- Top choice for heavy, compacted and saturated soils
- Extremely winterhardy providing superb cold tolerance
- Salt tolerance at germination
- High multifoliate expression for maximum quality
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



### Agonomic Features

Stand Persistence	Excellent
Early Seedling Growth	Very Good
Drought Stress	Very Good
Recovery After Cutting	Fast
Forage Quality	Excellent

### Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Anthracnose (Race 5) <sup>2</sup>	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	High Resistance
Evolving Aphanomyces Strains <sup>1</sup>	High Resistance
Disease Rating Index	40/40

### Pest Resistance

Pea Aphid	High Resistance
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance

Fall Dormancy: 4.3 / Winter Hardiness: 1.4



### Product Yield Performance: East

Product	Multi-Year % of Checks
6423R	112%
54Q29	103%
AFX 579	97%
HYBRIFORCE-3420/WET	97%
HYBRIFORCE-4400	93%
L-45IAPH2+	96%

Data from FGI Trials in Wisconsin from 2021

### Product Yield Performance: West

Product	Multi-Year % of Checks
6423R	108%
54Q29	100%
FSG 423ST	96%
HYBRIFORCE-4400	87%
TUG-OF-WAR	78%

Data from FGI Trials in Idaho from 2022

<sup>1</sup>Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

<sup>2</sup>Includes race 1 protection, along with Anthracnose Race 5 protection, which is patented by FGI.

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Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting. Roundup Ready® Alfalfa has pending import approvals. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product.

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